

ABSTRACT OF THE DISCLOSURE

The present invention relates to a method for making boron nitride powder having a thermal diffusivity of from about $0.14 \text{ cm}^2/\text{s}$ to about $0.20 \text{ cm}^2/\text{s}$.

- 5 This method involves pressing high purity, hexagonal boron nitride having an average platelet size of at least 2 microns into a compacted form, sintering the compacted form of boron nitride to form a sintered body, and crushing the sintered body under conditions effective to produce boron nitride powder having a thermal diffusivity of from about $0.14 \text{ cm}^2/\text{s}$ to about $0.20 \text{ cm}^2/\text{s}$. Another aspect of the present invention
- 10 relates to boron nitride powder having a thermal diffusivity of from about $0.14 \text{ cm}^2/\text{s}$ to about $0.20 \text{ cm}^2/\text{s}$.